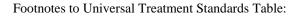
Pentachlorobenzene	608-93-5	0.055	10
PeCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063	0.001
PeCDFs (All Pentachlorodibenzofurans)	NA	0.000035	0.001
Pentachloroethane	76-01-7	0.055	6.0
Pentachloronitrobenzene	82-68-8	0.055	4.8
Pentachlorophenol	87-86-5	0.089	7.4
Phenacetin	62-44-2	0.081	16
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Phorate	298-02-2	0.021	4.6
Phthalic acid	100-21-0	0.055	28
Phthalic anhydride	85-44-9	0.055	28
Physostigmine <sup>6</sup>	57-47-6	0.056	1.4
Physostigmine salicylate <sup>6</sup>	57-64-7	0.056	1.4
Promecarb <sup>6</sup>	2631-37-0	0.056	1.4
Pronamide	23950-58-5	0.093	1.5
Propham <sup>6</sup>	122-42-9	0.056	1.4
Propoxur <sup>6</sup>	114-26-1	0.056	1.4
Prosulfocarb <sup>6</sup>	52888-80-9	0.042	1.4
Pyrene	129-00-0	0.067	8.2
Pyridine	110-86-1	0.014	16
Safrole	94-59-7	0.081	22
Silvex/2,4,5-TP	93-72-1	0.72	7.9
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
TCDDs (All Tetrachlorodibenzo-p-dioxins)	NA	0.000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	NA	0.000063	0.001
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0



Tetrachloroethylene	127-18-4	0.056	6.0
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
Thiodicarb <sup>6</sup>	59669-26-0	0.019	1.4
Thiophanate-methyl <sup>6</sup>	23564-05-8	0.056	1.4
Toluene	108-88-3	0.080	10
Toxaphene	8001-35-2	0.0095	2.6
Triallate <sup>6</sup>	2303-17-5	0.042	1.4
Tribromomethane/Bromoform	75-25-2	0.63	15
1,2,4-Trichlorobenzene	120-82-1	0.055	19
1,1,1-Trichloroethane	71-55-6	0.054	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Trichloromonofluoromethane	75-69-4	0.020	30
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
2,4,5-Trichlorophenoxyacetic acid/2,4,5-T	93-76-5	0.72	7.9
1,2,3-Trichloropropane	96-18-4	0.85	30
1,1,2-Trichloro-1,2,2- trifluoroethane	76-13-1	0.057	30
Triethylamine <sup>6</sup>	101-44-8	0.081	1.5
tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.11	0.10
Vernolate <sup>6</sup>	1929-77-7	0.042	1.4
Vinyl chloride	75-01-4	0.27	6.0
Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
Inorganic Constituents			
Antimony	7440-36-0	1.9	1.15 mg/l TCLP
Arsenic	7440-38-2	1.4	5.0 mg/l TCLP



Barium	7440-39-3	1.2	21 mg/l TCLP
Beryllium	7440-41-7	0.92	1.22 mg/l TCLP
Beryllium	/440-41-/	0.82	1.22 mg/1 TCLP
Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) <sup>4</sup>	57-12-5	1.2	590
Cyanides (Amenable) <sup>4</sup>	57-12-5	0.86	30
Fluoride <sup>5</sup>	16984-48-8	35	NA
Lead	7439-92-1	0.69	0.75 mg/l TCLP
Mercury - Nonwastewater from Retort	7439-97-6	NA	0.20 mg/l TCLP
Mercury - All Others	7439-97-6	0.15	0.025 mg/ITCLP
Nickel	7440-02-0	3.98	11 mg/l TCLP
Selenium <sup>7</sup>	7782-49-2	0.82	5.7 mg/l TCLP
Silver	7440-22-4	0.43	0.14 mg/l TCLP
Sulfide <sup>5</sup>	18496-25-8	14	NA
Thallium	7440-28-0	1.4	0.20 mg/l TCLP
Vanadium <sup>5</sup>	7440-62-2	4.3	1.6 mg/l TCLP
Zinc <sup>5</sup>	7440-66-6	2.61	4.3 mg/l TCLP



- 1. CAS means Chemical Abstract Services. When the waste code and/or regulated constituents are described as a combination of a chemical with its salts and/or esters, the CAS number is given for the parent compound only.
- 2. Concentration standards for wastewaters are expressed in mg/l and are based on analysis of composite samples.
- 3. Except for Metals (EP or TCLP) and Cyanides (Total and Amenable) the nonwastewater treatment standards expressed as a concentration were established, in part, based upon incineration in units operated



in accordance with the technical requirements of Rule 1200-1-11-.06(15) or .05(15), or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in part (3)(a)4 of this Rule. All concentration standards for nonwastewaters are based on analysis of grab samples.

- 4. Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010 or 9012, found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, listed in Rule 1200-1-11-.02(2)(b), with a sample size of 10 grams and a distillation time of one hour and 15 minutes.
- 5. These constituents are not "underlying hazardous constituents" in characteristic wastes, according to the definition at part (1)(b)10 of this Rule.
- 6. Between August 26, 1998 and March 4, 1999, these constituents are not "underlying hazardous constituents" as defined in part (1)(b)10 of this Rule.
- 7. This constituent is not an underlying hazardous constituent as defined at Rule 1200-1-11-.10(1)(b)10 because its UTS level is greater than its TC level, thus a treated selenium waste would always be characteristically hazardous unless it is treated to below its characteristic level.
- 8. This standard is temporarily deferred for soil exhibiting a hazardous characteristic due to D004-D011 only.
  - (j) Alternative LDR Treatment Standards for Contaminated Soil [40 CFR 268.49]
    - Applicability. You must comply with LDRs prior to placing soil that exhibits a
      characteristic of hazardous waste, or exhibited a characteristic of hazardous waste at the
      time it was generated, into a land disposal unit. The following chart describes whether
      you must comply with LDRs prior to placing soil contaminated by listed hazardous waste
      into a land disposal unit:

If LDRs	And If LDRs	And If	Then You
applied to the listed waste when it contaminated the soil*	apply to the listed waste now		must comply with LDRs
didn't apply to the listed waste when it contaminated the soil*	apply to the listed waste now	the soil is determined to contain the listed waste when the soil is first generated	must comply with LDRs
didn't apply to the listed waste when it contaminated the soil*	apply to the listed waste now	the soil is determined not to contain the listed waste when the soil is first generated	needn't comply with LDRs
didn't apply to the listed waste when it contaminated the soil*	don't apply to the listed waste now		needn't comply with LDRs

<sup>\*</sup> For dates of LDR applicability, see Rule 1200-1-11-.10 Appendix VII. To determine the date any given listed hazardous waste contaminated any given volume of soil, use the last date any given listed hazardous waste was placed into any given land disposal unit or, in the case of an accidental spill, the date of the spill.

- 2. Prior to land disposal, contaminated soil identified by part 1 of this subparagraph as needing to comply with LDRs must be treated according to the applicable treatment standards specified in part 3 of this subparagraph or according to the Universal Treatment Standards specified in subparagraph (i) of this paragraph applicable to the contaminating listed hazardous waste and/or the applicable characteristic of hazardous waste if the soil is characteristic. The treatment standards specified in part 3 of this subparagraph and the Universal Treatment Standards may be modified through a treatment variance approved in accordance with subparagraph (e) of this paragraph.
- 3. Treatment standards for contaminated soils. Prior to land disposal, contaminated soil identified by part 1 of this subparagraph as needing to comply with LDRs must be treated



according to all the standards specified in this part or according to the Universal

(i) All soils. Prior to land disposal, all constituents subject to treatment must be treated as follows:

Treatment Standards specified in subparagraph (i) of this paragraph.

- (I) For non-metals except carbon disulfide, cyclohexanone, and methanol, treatment must achieve 90 percent reduction in total constituent concentrations, except as provided by item (III) of this subpart.
- (II)For metals and carbon disulfide, cyclohexanone, and methanol, treatment must achieve 90 percent reduction in constituent concentrations as measured in leachate from the treated media (tested according to the TCLP) or 90 percent reduction in total constituent concentrations (when a metal removal treatment technology is used), except as provided by item (III) of this subpart.
- (III)When treatment of any constituent subject to treatment to a 90 percent reduction standard would result in a concentration less than 10 times the Universal Treatment Standard for that constituent, treatment to achieve constituent concentrations less than 10 times the universal treatment standard is not required. Universal Treatment Standards are identified in subparagraph (i) of this paragraph, Table UTS.
- (ii) Soils that exhibit the characteristic of ignitability, corrosivity or reactivity. In addition to the treatment required by subpart 3(i) of this subparagraph, prior to land disposal, soils that exhibit the characteristic of ignitability, corrosivity, or reactivity must be treated to eliminate these characteristics.
- Soils that contain nonanalyzable constituents. In addition to the treatment (iii) requirements of subparts 3(i) and (ii) of this subparagraph, prior to land disposal, the following treatment is required for soils that contain nonanalyzable constituents:
  - (I) For soil that also contains only analyzable and nonanalyzable organic constituents, treatment of the analyzable organic constituents to the levels specified in subparts 3(i) and (ii) of this subparagraph; or,
  - (II)For soil that contains only nonanalyzable constituents, treatment by the method(s) specified in subparagraph (c) of this paragraph for the waste contained in the soil.
- 4. Constituents subject to treatment. When applying the soil treatment standards in part 3 of this subparagraph, constituents subject to treatment are any constituents listed in subparagraph (i) of this paragraph, Table UTS--Universal Treatment Standards that are reasonably expected to be present in any given volume of contaminated soil, except fluoride, selenium, sulfides, vanadium and zinc, and that are present at concentrations greater than ten times the universal treatment standard. PCBs are not constituent subject to treatment in any given volume of soil which exhibits the toxicity characteristic solely because of the presence of metals.
- 5. Management of treatment residuals. Treatment residuals from treating contaminated soil identified by part 1 of this subparagraph as needing to comply with LDRs must be managed as follows:











- (i) Soil residuals are subject to the treatment standards of this subparagraph;
- (ii) Non-soil residuals are subject to:
  - (I) For soils contaminated by listed hazardous waste, the RCRA Subtitle C standards applicable to the listed hazardous waste; and
  - (II)For soils that exhibit a characteristic of hazardous waste, if the non-soil residual also exhibits a characteristic of hazardous waste, the treatment standards applicable to the characteristic hazardous waste.
- (4) Prohibitions on Storage [40 CFR 268 Subpart E]
  - Prohibitions on Storage of Restricted Wastes [40 CFR 268.50] (a)
    - 1. Except as provided in this subparagraph, the storage of hazardous wastes restricted from land disposal under paragraph (2) of this Rule or federal RCRA section 3004 is prohibited, unless the following conditions are met:
      - (i) A generator stores such wastes in tanks, containers, or containment buildings on-site solely for the purpose of the accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal and the generator complies with the requirements in Rule 1200-1-11-.03(4)(e) and Rules 1200-1-11-.06 and .05.
      - (ii) An owner/operator of a hazardous waste treatment, storage, or disposal facility stores such wastes in tanks, containers, or containment buildings solely for the purpose of the accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal and:
        - (I) Each container is clearly marked to identify its contents and the date each period of accumulation begins;
        - (II)Each tank is clearly marked with a description of its contents, the quantity of each hazardous waste received, and the date each period of accumulation begins, or such information for each tank is recorded and maintained in the operating record at that facility. Regardless of whether the tank itself is marked, an owner/operator must comply with the operating record requirements specified in Rule 1200-1-11-.06(5)(d) or Rule 1200-1-11.05(5)(d).
      - (iii) A transporter stores manifested shipments of such wastes at a transfer facility for 10 days or less.
    - 2. An owner/operator of a treatment, storage or disposal facility may store such wastes for up to one year unless the Department can demonstrate that such storage was not solely for the purpose of accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal.
    - 3. An owner/operator of a treatment, storage or disposal facility may store such wastes beyond one year; however, the owner/operator bears the burden of proving that such storage was solely for the purpose of accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal.

4. If a generator's waste is exempt from a prohibition on the type of land disposal utilized for the waste (for example, because of an approved case-by-case extension under subparagraph (1)(e) of this Rule, an approved petition under subparagraph (1)(f) of this Rule, or a national capacity variance under paragraph (2) of this Rule), the prohibition in

part 1 of this subparagraph does not apply during the period of such exemption.

- 5. The prohibition in part 1 of this subparagraph does not apply to hazardous wastes that meet the treatment standards specified under subparagraphs (3)(b),(c), and (d) of this Rule or the treatment standards specified under the variance in subparagraph (3)(e) of this Rule, or, where treatment standards have not been specified, is in compliance with the applicable prohibitions specified in subparagraph (2)(c) of this Rule or federal RCRA section 3004.
- 6. Liquid hazardous wastes containing polychlorinated biphenyls (PCBs) at concentrations greater than or equal to 50 ppm must be stored at a facility that meets the requirements of 40 CFR 761.65(b) and must be removed from storage and treated or disposed as required by this Rule within one year of the date when such wastes are first placed into storage. The provisions of part 3 of this subparagraph do not apply to such PCB wastes prohibited under subparagraph (2)(c) of this Rule.
- 7. The prohibition and requirements in this paragraph do not apply to hazardous remediation wastes stored in a staging pile approved pursuant to Rule 1200-1-11-.06(22)(e).
- (5) APPENDICES [40 CFR 268 APPENDICES]

Appendix I - (RESERVED) [40 CFR 268 Appendix I]

Appendix II - (RESERVED) [40 CFR 268 Appendix II]

Appendix III – List of Halogenated Organic Compounds Regulated Under Subparagraph (2)(c) of this Rule [40 CFR 268 Appendix III]

In determining the concentration of HOCs in a hazardous waste for purposes of the Subparagraph (2)(c) of this Rule land disposal prohibition, Tennessee has defined the HOCs that must be included in a calculation as any compounds having a carbon-halogen bond which are listed in this Appendix (see Rule1200-1-11-.10(1)(b)).

Appendix III to Rule 1200-1-11-.10 consists of the following compounds:

#### I. Volatiles

- 1. Bromodichloromethane
- 2. Bromomethane
- 3. Carbon Tetrachloride
- 4. Chlorobenzene
- 5. 2-Chloro-1.3-butadiene
- 6. Chlorodibromomethane
- 7. Chloroethane
- 8. 2-Chloroethyl vinyl ether
- 9. Chloroform
- 10. Chloromethane
- 11. 3-Chloropropene
- 12. 1.2-Dibromo-3-chloropropane





- 13. 1.2-Dibromomethane
- 14. Dibromomethane
- 15. Trans-1.4-Dichloro-2-butene
- 16. Dichlorodifluoromethane
- 17. 1.1-Dichloroethane
- 18. 1.2-Dichloroethane
- 19. 1.1-Dichloroethylene
- 20. Trans-1.2-Dichloroethene
- 21. 1.2-Dichloropropane
- 22. Trans-1,3-Dichloropropene
- 23. cis-1,3-Dichloropropene
- 24. Iodomethane
- 25. Methylene chloride
- 26. 1, 1, 1, 2-Tetrachloroethane
- 27. 1, 1, 2, 2-Tetrachloroethane
- 28. Tetrachloroethene
- 29. Tribromomethane
- 30. 1. 1. 1-Trichloroethane
- 31. 1, 1, 2-Trichloroethane
- 32. Trichlorothene
- 33. Trichloromonofluoromethane
- 34. 1, 2, 3-Thrichloropropane
- 35. Vinyl Chloride

#### II. Semivolatiles

- 1. Bis(2chloroethoxy) ethane
- 2. Bis(2-chloroethyl) ether
- 3. Bis(2-chloroisopropyl) ether
- 4. p-Chloroaniline
- 5. Chlorobenzilate
- 6. p-Chloro-m-cresol
- 7. 2-Chloroanphthalene
- 8. 2-Chlorphenol
- 9. 3-Chloropropionitrile
- 10. m-Dichlorobenzene
- 11. o-Dichlorobenzene
- 12. p-Dichlorobenzene
- 13. 3.3'-Dichlorobenzidine
- 14. 2.4-Dichlorophenol
- 15. 2.6-Dichlorophenol
- 16. Hexachlorobenzene
- 17. Hexachlorobutadiene
- 18. Hexachlorocyclopentadiene
- 19. Hexachloroethane
- 20. Hexachloroprophene
- 21. Hexachlorpropene
- 22. 4.4'-Methylenebis (2-chloroanaline)
- 23. Pentachlorobenzene
- 24. Pentachloroethane
- 25. Pentachloronitrobenzene
- 26. Pentachlorophenol
- 27. Pronamide
- 28. 1, 2, 4, 5-Tetrachlorobenzene



- 29. 2, 3, 4, 6-Tetrachlorophenol
- 30. 1, 2, 4-Trichlorobenzene
- 31. 2, 4, 5-Trichlorophenol
- 32. 2, 4, 6-Trichlorophenol
- 33. Tris(2, 3-dibromopropyl) phosphate



#### III. Organochlorine Pesticides

- 1. Aldrin
- 2. alpha-BHC
- 3. beta-BHC
- 4. delta-BHC
- 5. gamma-BHC
- 6. Chlorodane
- 7. DDD
- 8. DDE
- 9. DDT
- 10. Dieldrin
- 11. Endosulfan I
- 12. Endosulfan II
- 13. Endrin
- 14. Endrin aldehyde
- 15. Heptachlor
- 16. Heptachlor epoxide
- 17. Isodrin
- 18. Kepone
- 19. Methoxyclor
- 20. Toxaphene

#### IV. Phenoxyacetic Acid Herbicides

- 1. 2,4-Dichlorophenoxyacetic acid
- 2. Silvex
- 3. 2, 4, 5,-T

# V. PCBs

- 1. Aroclor 1016
- 2. Aroclor 1221
- 3. Aroclor 1232
- 4. Aroclor 1242
- 5. Aroclor 1248
- 6. Aroclor 1254
- 7. Aroclor 1260
- 8. PCBs not otherwise specified

#### VI. Dioxins and Furans

- 1. Hexachlorodibenzo-p-dioxins
- 2. Hexachlorodibenzofuran
- 3. Pentachlorodibenzo-p-dioxins

- 4. Pentachlorodibenzofuran
- 5. Tetrachlorodibenzo-p-dioxins
- 6. Tetrachlorodibenzofuran
- 7. 2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin

Appendix IV-Wastes Excluded From Lab Packs Under the Alternative Treatment Standards of Part (3)(c)3 of this Rule [40 CFR 268 Appendix IV]

Hazardous waste with the following Hazardous Waste Codes may not be placed in lab packs under the alternative lab pack treatment standards of part (3)(c)3 of this Rule: D009, F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, U151.

Appendix V -- (RESERVED) [40 CFR 268 Appendix V]

Appendix VI -- Recommended Technologies to Achieve Deactivation of Characteristics in Subparagraph (3)(c) of this Rule [40 CFR 268 Appendix VI]

The treatment standard for many characteristic wastes is stated in subparagraph (3)(a) of this Rule, Table of Treatment Standards as "Deactivation and meet UTS." EPA has determined that many technologies, when used alone or in combination, can achieve the deactivation portion of the treatment standard. Characteristic wastes that are not managed in a facility regulated by the Clean Water Act (CWA) or in a CWA-equivalent facility, and that also contain underlying hazardous constituents (see part (1)(b)9 of this Rule) must be treated not only by the "deactivating" technology to remove the characteristic, but also to achieve the universal treatment standards (UTS) for underlying hazardous constituents. The following appendix presents a partial list of technologies, utilizing the five letter technology codes established in subparagraph (3)(c) of this Rule, Table 1, that may be useful in meeting the treatment standard. Use of these specific technologies is not mandatory and does not preclude direct reuse, recovery, and/or the use of other pretreatment technologies, provided deactivation is achieved and underlying hazardous constituents are treated to achieve the UTS.

Waste Code/Subcategory <sup>a</sup>	Nonwastewater s	Wastewaters
D001 Ignitable Liquids based on .02(3)(b)1(i) Low TOC Nonwastewater Subcategory (containing 1% to <10% TOC)	RORGS INCIN WETOX CHOXD BIODG	n.a <sup>b</sup>
D001 Ignitable Liquids based on .02(3)(b)1(i) Ignitable Wastewater Subcategory (containing <1% TOC)	n.a.	RORGS INCIN WETOX CHOXD BIODG
D001 Compressed Gases based on .02(3)(b)1(iii)	RCGAS INCIN FSUBS ADGAS fb. INCIN ADGAS fb. (CHOXD; or CHRED)	n.a.



D001 Ignitable Reactives based on .02(3)(b)1(ii)	WTRRX CHOXD CHRED STABL INCIN	n.a.
D001 Ignitable Oxidizers based on .02(3)(b)1(iv)	CHRED INCIN	CHRED INCIN
D002 Acid Subcategory based on .02(3)(c)1(i) with pH less than or equal to 2 $$	RCORR NEUTR INCIN	NEUTR INCIN
D002 Alkaline Subcategory based on .02(3)(c)1(i)with pH greater than or equal to 12.5	NEUTR INCIN	NEUTR INCIN
D002 Other Corrosives based on .02(3)(c)1(ii)	CHOXD CHRED INCIN STABL	CHOXD CHRED INCIN
D003 Water Reactives based on .02(3)(d)1(ii),(iii), and (iv)	INCIN WTRRX CHOXD CHRED	n.a.
D003 Reactive Sulfides based on .02(3)(d)1(v)	CHOXD CHRED INCIN STABL	CHOXD CHRED BIODG INCIN
D003 Explosives based on .02(3)(d)1(vi),(vii), and (viii)	INCIN CHOXD CHRED	INCIN CHOXD CHRED BIODG CARBN
D003 Other Reactives based on .02(3)(d)1(i)	INCIN CHOXD CHRED	INCIN CHOXD CHRED BIODG CARBN
K044 Wastewater treatment sludges from the manufacturing and processing of explosives	CHOXD CHRED INCIN	CHOXD CHRED BIODG CARBN INCIN
K045 Spent carbon from the treatment of wastewaters containing explosives	CHOXD CHRED INCIN	CHOXD CHRED BIODG CARBN INCIN



K047 Pink/red water from TNT operations	CHOXD CHRED INCIN	CHOXD CHRED BIODG
		CARBN INCIN

FOOTNOTE: <sup>a</sup>All Rule citations contained herein are from Rule Chapter 1200-1-11. FOOTNOTE: <sup>b</sup>Note: "n.a." stands for "not applicable"; "fb." stands for "followed by".

Appendix VII - Effective Dates of Surface Disposed Wastes Regulated in the LDRs [40 CFR 268 Appendix VII]

TABLE 1.-EFFECTIVE DATES OF SURFACE DISPOSED WASTES [(NON-SOIL AND DEBRIS) REGULATED IN THE LDRs $^{\rm a}$  - COMPREHENSIVE LIST]

Waste Code	Waste Category	Effective Date
D001 <sup>c</sup>	All (except High TOC Ignitable Liquids)	Aug. 9, 1993
D001	High TOC Ignitable Liquids	Aug. 8, 1990
D002 °	All	Aug. 9, 1993
D003	Newly identified surface-disposed elemental phosphorus processing wastes	May 26, 2000
D004	Newly identified D004 and mineral processing wastes	Aug. 24, 1998
D004	Mixed radioactive/newly identified D004 or mineral processing wastes	May 26, 2000
D005	Newly identified D005 and mineral processing wastes	Aug. 24, 1998
D005	Mixed radioactive/newly identified D005 or mineral processing wastes	May 26, 2000
D006	Newly identified D006 and mineral processing wastes	Aug. 24, 1998
D006	Mixed radioactive/newly identified D006 or mineral processing wastes	May 26, 2000
D007	Newly identified D007 and mineral processing wastes	Aug. 24, 1998
D007	Mixed radioactive/newly identified D007 or mineral processing wastes	May 26, 2000
D008	Newly identified D008 and mineral processing wastes	Aug. 24, 1998
D008	Mixed radioactive/newly identified D008 or mineral processing wastes	May 26, 2000
D009	Newly identified D009 and mineral processing wastes	Aug. 24, 1998



D009	Mixed radioactive/newly identified D009 or mineral processing wastes	May 26, 2000
D010	Newly identified D010 and mineral processing wastes	Aug. 24, 1998
D010	Mixed radioactive/newly identified D010 or mineral	May 26, 2000
D011	processing wastes Newly identified D011 and mineral processing wastes	Aug. 24, 1998
D011	Mixed radioactive/newly identified D011 or mineral processing wastes	May 26, 2000
D012 (that exhibit the toxicity characteristic based on the TCLP) <sup>d</sup>	All	Dec. 14, 1994
D013 (that exhibit the toxicity characteristic based on the TCLP) <sup>d</sup>	All	Dec. 14, 1994
D014 (that exhibit the toxicity characteristic based on the TCLP) <sup>d</sup>	All	Dec. 14, 1994
D015 (that exhibit the toxicity characteristic based on the TCLP) <sup>d</sup>	All	Dec. 14, 1994
D016 (that exhibit the the toxicity characteristic based on the TCLP) <sup>d</sup>	All	Dec. 14, 1994
D017 (that exhibit the toxicity characteristic based on the TCLP) <sup>d</sup>	All	Dec. 14, 1994
D018	Mixed with radioactive wastes	Sept. 19, 1996



	1	1
D018	All others	Dec. 19, 1994
D019	Mixed with radioactive wastes	Sept. 19, 1996
D019	All others	Dec. 19, 1994
D020	Mixed with radioactive wastes	Sept. 19, 1996
D020	All others	Dec. 19, 1994
D021	Mixed with radioactive wastes	Sept. 19, 1996
D021	All others	Dec. 19, 1994
D022	Mixed with radioactive wastes	Sept. 19, 1996
D022	All others	Dec. 19, 1994
D023	Mixed with radioactive wastes	Sept. 19, 1996
D023	All others	Dec. 19, 1994
D024	Mixed with radioactive wastes	Sept. 19, 1996
D024	All others	Dec. 19, 1994
D025	Mixed with radioactive wastes	Sept. 19, 1996
D025	All others	Dec. 19, 1994
D026	Mixed with radioactive wastes	Sept. 19, 1996
D026	All others	Dec. 19, 1994
D027	Mixed with radioactive wastes	Sept. 19, 1996
D027	All others	Dec. 19, 1994
D028	Mixed with radioactive wastes	Sept. 19, 1996
D028	All others	Dec. 19, 1994
D029	Mixed with radioactive wastes	Sept. 19, 1996
D029	All others	Dec. 19, 1994
D030	Mixed with radioactive wastes	Sept. 19. 1996
D030	All others	Dec. 19, 1994
D031	Mixed with radioactive wastes	Sept. 19, 1996
D031	All others	Dec. 19, 1994



D032	Mixed with radioactive wastes	Sept. 19, 1996
D032	All others	Dec. 19, 1994
D033	Mixed with radioactive wastes	Sept. 19, 1996
D033	All others	Dec. 19, 1994
D034	Mixed with radioactive wastes	Sept. 19, 1996
D034	All others	Dec. 19, 1994
D035	Mixed with radioactive wastes	Sept. 19, 1996
D035	All others	Dec. 19, 1994
D036	Mixed with radioactive wastes	Sept. 19, 1996
D036	All others	Dec. 19, 1994
D037	Mixed with radioactive wastes	Sept. 19, 1996
D037	All others	Dec. 19, 1994
D038	Mixed with radioactive wastes	Sept. 19, 1996
D038	All others	Dec. 19, 1994
D039	Mixed with radioactive wastes	Sept. 19, 1996
D039	All others	Dec. 19, 1994
D040	Mixed with radioactive wastes	Sept. 19, 1996
D040	All others	Dec. 19, 1994
D041	Mixed with radioactive wastes	Sept. 19, 1996
D041	All others	Dec. 19, 1994
D042	Mixed with radioactive wastes	Sept. 19, 1996
D042	All others	Dec. 19, 1994
D043	Mixed with radioactive wastes	Sept. 19, 1996
D043	All others	Dec. 19, 1994
F001	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	Nov. 8, 1988
F001	All others	Nov. 8, 1986



F002 (1,1,2-trichloro-ethane)	Wastewater and Nonwastewater	Aug. 8, 1990
F002	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	Nov. 8, 1988
F002	All others	Nov. 8, 1986
F003	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	Nov. 8, 1988
F003	All others	Nov. 8, 1986
F004	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	Nov. 8, 1986
F004	All others	Nov. 8, 1986
F005 (benzene, 2-ethoxy ethanol, 2- nitropropane)	Wastewater and Nonwastewater	Aug. 8, 1990
F005	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	Nov. 8, 1988
F005	All others	Nov. 8, 1986
F006	Wastewater	Aug. 8, 1990
F006	Nonwastewater	Aug. 8, 1988
F006 (cyanides)	Nonwastewater	July 8, 1989
F007	All	July 8, 1989
F008	All	July 8, 1989
F009	All	July 8, 1989
F010	All	June 8, 1989
F011 (cyanides)	Nonwastewater	Dec. 8, 1989
F011	All others	July 8, 1989



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F012 (cyanides)	Nonwastewater	Dec. 8, 1989
F012	All others	July 8, 1989
F019	All	Aug. 8, 1990
F020 F021	All All	Nov. 8, 1988 Nov. 8, 1988
F025	All	Aug. 8, 1990
F026	All	Nov. 8, 1988
F027	All	Nov. 8, 1988
F028	All	Nov. 8, 1988
F032	Mixed with radioactive wastes	Aug. 12, 1999
F032	All others	Aug. 12, 1997
F034	Mixed with radioactive wastes	Aug. 12, 1999
F034	All others	Aug. 12, 1997
F035	Mixed with radioactive wastes	May 12, 1999
F035	All others	Aug. 12, 1997
F037	Not generated from surface impoundment cleanouts or closures	June 30, 1993
F037	Generated from surface impoundment cleanouts or closures	June 30, 1994
F037	Mixed with radioactive wastes	June 30, 1994
F038	Not generated from surface impoundment cleanouts or closures	June 30, 1993
F038	Generated from surface impoundment cleanouts or closures	June 30, 1994
F038	Mixed with radioactive wastes	June 30, 1994
F039	Wastewater	Aug. 8, 1990
F039	Nonwastewater	May 8, 1992
K001 (organics) <sup>b</sup>	All	Aug. 8, 1988



K001	All others	Aug. 8, 1988
K002	All	Aug. 8, 1990
K003	All	Aug. 8, 1990
K004	Wastewater	Aug. 8, 1990
K004 K005	Nonwastewater Wastewater	Aug. 8, 1988 Aug. 8, 1990
K005	Nonwastewater	June 8, 1989
K006	All	Aug. 8, 1990
K007	Wastewater	Aug. 8, 1990
K007	Nonwastewater	June 8, 1989
K008	Wastewater	Aug. 8, 1990
K008	Nonwastewater	Aug. 8, 1988
K009	All	June 8, 1989
K010	All	June 8, 1989
K011	Wastewater	Aug. 8, 1990
K011	Nonwastewater	June 8, 1989
K013	Wastewater	Aug. 8, 1990
K013	Nonwastewater	June 8, 1989
K014	Wastewater	Aug. 8, 1990
K014	Nonwastewater	June 8, 1989
K015	Wastewater	Aug. 8, 1988
K015	Nonwastewater	Aug. 8, 1990
K016	All	Aug. 8, 1988
K017	All	Aug. 8, 1990
K018	All	Aug. 8, 1988
K019	All	Aug. 8, 1988
K020	All	Aug. 8, 1988
K021	Wastewater	Aug. 8, 1990



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K021	Nonwastewater	Aug. 8, 1988
K022	Wastewater	Aug. 8, 1990
K022	Nonwastewater	Aug. 8, 1988
K023	All	June 8, 1989
K024	All	Aug. 8, 1988
K025	Wastewater	Aug. 8, 1990
K025	Nonwastewater	Aug. 8, 1988
K026	All	Aug. 8, 1990
K027	All	June 8, 1989
K028 (metals)	Nonwastewater	Aug. 8, 1990
K028	All others	June 8, 1989
K029	Wastewater	Aug. 8, 1990
K029	Nonwastewater	June 8, 1989
K030	All	Aug. 8, 1988
K031	Wastewater	Aug. 8, 1990
K031	Nonwastewater	May 8, 1992
K032	All	Aug. 8, 1990
K033	All	Aug. 8, 1990
K034	All	Aug. 8, 1990
K035	All	Aug. 8, 1990
K036	Wastewater	June 8, 1989
K036	Nonwastewater	Aug. 8, 1988
K037 <sup>b</sup>	Wastewater	Aug. 8, 1988
K037	Nonwastewater	Aug. 8, 1988
K038	All	June 8, 1989
K039	All	June 8, 1989
K040	All	June 8, 1989



K041	All	Aug. 8, 1990
K042	All	Aug. 8, 1990
K043	All	June 8, 1989
K044	All	Aug. 8, 1988
K045	All	Aug. 8, 1988
K046 (Nonreactive)	Nonwastewater	Aug. 8, 1988
K046	All others	Aug. 8, 1990
K047	All	Aug. 8, 1988
K048	Wastewater	Aug. 8, 1990
K048	Nonwastewater	Nov. 8, 1990
K049	Wastewater	Aug. 8, 1990
K049	Nonwastewater	Nov. 8, 1990
K050	Wastewater	Aug. 8, 1990
K050	Nonwastewater	Nov. 8, 1990
K051	Wastewater	Aug. 8, 1990
K051	Nonwastewater	Nov. 8, 1990
K052	Wastewater	Aug. 8, 1990
K052	Nonwastewater	Nov. 8, 1990
K060	Wastewater	Aug. 8, 1990
K060	Nonwastewater	Aug. 8, 1988
K061	Wastewater	Aug. 8, 1990
K061	Nonwastewater	June 30, 1992
K062	All	Aug. 8, 1988
K069 (Non- Calcium Sulfate)	Nonwastewater	Aug. 8, 1988
K069	All others	Aug. 8, 1990



K071	All	Aug. 8, 1990
K073	All	Aug. 8, 1990
K083	All	Aug. 8, 1990
K084	Wastewater	Aug. 8, 1990
K084 K085	Nonwastewater All	May 8, 1992 Aug. 8, 1990
K086 (organics) <sup>b</sup>	All	Aug. 8, 1988
K086	All others	Aug. 8, 1988
K087	All	Aug. 8, 1988
K088	Mixed with radioactive wastes	Apr. 8, 1998
K088	All others	Oct. 8, 1997
K093	All	June 8, 1989
K094	All	June 8, 1989
K095	Wastewater	Aug. 8, 1990
K095	Nonwastewater	June 8, 1989
K096	Wastewater	Aug. 8, 1990
K096	Nonwastewater	June 8, 1989
K097	All	Aug. 8, 1990
K098	All	Aug. 8, 1990
K099	All	Aug. 8, 1988
K100	Wastewater	Aug. 8, 1990
K100	Nonwastewater	Aug. 8, 1988
K101 (organics)	Wastewater	Aug. 8, 1988
K101 (metals)	Wastewater	Aug. 8, 1990
K101 (organics)	Nonwastewater	Aug. 8, 1988
K101 (metals)	Nonwastewater	May 8, 1992
K102	Wastewater	Aug. 8, 1988



(organics)		
K102 (metals)	Wastewater	Aug. 8, 1990
K102 (organics)	Nonwastewater	Aug. 8, 1988
K102 (metals)	Nonwastewater	May 8, 1992
K103	All	Aug. 8, 1988
K104	All	Aug. 8, 1988
K105	All	Aug. 8, 1990
K106	Wastewater	Aug. 8, 1990
K106	Nonwastewater	May 8, 1992
K107	Mixed with radioactive wastes	June 30, 1994
K107	All others	Nov. 9, 1992
K108	Mixed with radioactive wastes	June 30, 1994
K108	All others	Nov. 9, 1992
K109	Mixed with radioactive wastes	June 30, 1994
K109	All others	Nov. 9, 1992
K110	Mixed with radioactive wastes	June 30, 1994
K110	All others	Nov. 9, 1992
K111	Mixed with radioactive wastes	June 30, 1994
K111	All others	Nov. 9, 1992
K112	Mixed with radioactive wastes	June 30, 1994
K112	All others	Nov. 9, 1992
K113	All	June 8, 1989
K114	All	June 8, 1989
K115	All	June 8, 1989
K116	All	June 8, 1989
K117	Mixed with radioactive wastes	June 30, 1994
K117	All others	Nov. 9, 1992



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K118	Mixed with radioactive wastes	June 30, 1994
K118	All others	Nov. 9, 1992
K123	Mixed with radioactive wastes	June 30, 1994
K123	All others	Nov. 9, 1992
K124	Mixed with radioactive wastes	June 30, 1994
K124	All others	Nov. 9, 1992
K125	Mixed with radioactive wastes	June 30, 1994
K125	All others	Nov. 9, 1992
K126	Mixed with radioactive wastes	June 30, 1994
K126	All others	Nov. 9, 1992
K131	Mixed with radioactive wastes	June 30, 1994
K131	All others	Nov. 9, 1992
K132	Mixed with radioactive wastes	June 30, 1994
K132	All others	Nov. 9, 1992
K136	Mixed with radioactive wastes	June 30, 1994
K136	All others	Nov. 9, 1992
K141	Mixed with radioactive wastes	Sep. 19, 1996
K141	All others	Dec. 19, 1994
K142	Mixed with radioactive wastes	Sep. 19, 1996.
K142	All others	Dec. 19, 1994
K143	Mixed with radioactive wastes	Sep. 19, 1996
K143	All others	Dec. 19, 1994
K144	Mixed with radioactive wastes	Sep. 19, 1996
K144	All others	Dec. 19, 1994
K145	Mixed with radioactive wastes	Sep. 19, 1996
K145	All others	Dec. 19, 1994
K147	Mixed with radioactive wastes	Sep. 19, 1996



K147	All others	Dec. 19, 1994
K148	Mixed with radioactive wastes	Sep. 19, 1996
K148	All others	Dec. 19, 1994
K149	Mixed with radioactive wastes	Sep. 19, 1996
K149	All others	Dec. 19, 1994
K150	Mixed with radioactive wastes	Sep. 19, 1996
K150	All others	Dec. 19, 1994
K151	Mixed with radioactive wastes	Sep. 19, 1996
K151	All others	Dec. 19, 1994
K156	Mixed with radioactive wastes	Apr. 8, 1998
K156	All others	July 8, 1996
K157	Mixed with radioactive wastes	Apr. 8, 1998
K157	All others	July 8, 1996
K158	Mixed with radioactive wastes	Apr. 8, 1998
K158	All others	July 8, 1996
K159	Mixed with radioactive wastes	Apr. 8, 1998
K159	All others	July 8, 1996
K160	Mixed with radioactive wastes	Apr. 8, 1998
K160	All others	July 8, 1996
K161	Mixed with radioactive wastes	Apr. 8, 1998
K161	All others	July 8, 1996
P001	All	Aug. 8, 1990
P002	All	Aug. 8, 1990
P003	All	Aug. 8, 1990
P004	All	Aug. 8, 1990
P005	All	Aug. 8, 1990
P006	All	Aug. 8, 1990



P007	All	Aug. 8, 1990
P008	All	Aug. 8, 1990
P009	All	Aug. 8, 1990
P010	Wastewater	Aug. 8, 1990
P010	Nonwastewater	May 8, 1992
P011	Wastewater	Aug. 8, 1990
P011	Nonwastewater	May 8, 1992
P012	Wastewater	Aug. 8, 1990
P012	Nonwastewater	May 8, 1992
P013 (barium)	Nonwastewater	Aug. 8, 1990
P013	All others	June 8, 1989
P014	All	Aug. 8, 1990
P015	All	Aug. 8, 1990
P016	All	Aug. 8, 1990
P017	All	Aug. 8, 1990
P018	All	Aug. 8, 1990
P020	All	Aug. 8, 1990
P021	All	June 8, 1989
P022	All	Aug. 8, 1990
P023	All	Aug. 8, 1990
P024	All	Aug. 8, 1990
P026	All	Aug. 8, 1990
P027	All	Aug. 8, 1990
P028	All	Aug. 8, 1990
P029	All	June 8, 1989
P030	All	June 8, 1989
P031	All	Aug. 8, 1990



P033	All	Aug. 8, 1990
P034	All	Aug. 8, 1990
P036	Wastewater	Aug. 8, 1990
P036	Nonwastewater	May 8, 1992
P037	All	Aug. 8, 1990
P038	Wastewater	Aug. 8, 1990
P038	Nonwastewater	May 8, 1992
P039	All	June 8, 1989
P040	All	June 8, 1989
P041	All	June 8, 1989
P042	All	Aug. 8, 1990
P043	All	June 8, 1989
P044	All	June 8, 1989
P045	All	Aug. 8, 1990
P046	All	Aug. 8, 1990
P047	All	Aug. 8, 1990
P048	All	Aug. 8, 1990
P049	All	Aug. 8, 1990
P050	All	Aug. 8, 1990
P051	All	Aug. 8, 1990
P054	All	Aug. 8, 1990
P056	All	Aug. 8, 1990
P057	All	Aug. 8, 1990
P058	All	Aug. 8, 1990
P059	All	Aug. 8, 1990
P060	All	Aug. 8, 1990
P062	All	June 8, 1989



		1
P063	All	June 8, 1989
P064	All	Aug. 8, 1990
P065	Wastewater	Aug. 8, 1990
P065	Nonwastewater	May 8, 1992
P066	All	Aug. 8, 1990
P067	All	Aug. 8, 1990
P068	All	Aug. 8, 1990
P069	All	Aug. 8, 1990
P070	All	Aug. 8, 1990
P071	All	June 8, 1989
P072	All	Aug. 8, 1990
P073	All	Aug. 8, 1990
P074	All	June 8, 1989
P075	All	Aug. 8, 1990
P076	All	Aug. 8, 1990
P077	All	Aug. 8, 1990
P078	All	Aug. 8, 1990
P081	All	Aug. 8, 1990
P082	All	Aug. 8, 1990
P084	All	Aug. 8, 1990
P085	All	June 8, 1989
P087	All	May 8, 1992
P088	All	Aug. 8, 1990
P089	All	June 8, 1989
P092	Wastewater	Aug. 8, 1990
P092	Nonwastewater	May 8, 1992
P093	All	Aug. 8, 1990



		1
P094	All	June 8, 1989
P095	All	Aug. 8, 1990
P096	All	Aug. 8, 1990
P097	All	June 8, 1989
P098	All	June 8, 1989
P099 (silver)	Wastewater	Aug. 8, 1990
P099	All others	June 8, 1989
P101	All	Aug. 8, 1990
P102	All	Aug. 8, 1990
P103	All	Aug. 8, 1990
P104 (silver)	Wastewater	Aug. 8, 1990
P104	All others	June 8, 1989
P105	All	Aug. 8, 1990
P106	All	June 8, 1989
P108	All	Aug. 8, 1990
P109	All	June 8, 1989
P110	All	Aug. 8, 1990
P111	All	June 8, 1989
P112	All	Aug. 8, 1990
P113	All	Aug. 8, 1990
P114	All	Aug. 8, 1990
P115	All	Aug. 8, 1990
P116	All	Aug. 8, 1990
P118	All	Aug. 8, 1990
P119	All	Aug. 8, 1990
P120	All	Aug. 8, 1990
P121	All	June 8, 1989



P122	All	Aug. 8, 1990
P123	All	Aug. 8, 1990
P127	Mixed with radioactive wastes	Apr. 8, 1998
P127	All others	July 8, 1996
P128	Mixed with radioactive wastes	Apr. 8, 1998
P128	All others	July 8, 1996
P185	Mixed with radioactive wastes	Apr. 8, 1998
P185	All others	July 8, 1996
P188	Mixed with radioactive wastes	Apr. 8, 1998
P188	All others	July 8, 1996
P189	Mixed with radioactive wastes	Apr. 8, 1998
P189	All others	July 8, 1996
P190	Mixed with radioactive wastes	Apr. 8, 1998
P190	All others	July 8, 1996
P191	Mixed with radioactive wastes	Apr. 8, 1998
P191	All others	July 8, 1996
P192	Mixed with radioactive wastes	Apr. 8, 1998
P192	All others	July 8, 1996
P194	Mixed with radioactive wastes	Apr. 8, 1998
P194	All others	July 8, 1996
P196	Mixed with radioactive wastes	Apr. 8, 1998
P196	All others	July 8, 1996
P197	Mixed with radioactive wastes	Apr. 8, 1998
P197	All others	July 8, 1996
P198	Mixed with radioactive wastes	Apr. 8, 1998
P198	All others	July 8, 1996
P199	Mixed with radioactive wastes	Apr. 8, 1998



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P199	All others	July 8, 1996
P201	Mixed with radioactive wastes	Apr. 8, 1998
P201	All others	July 8, 1996
P202	Mixed with radioactive wastes	Apr. 8, 1998
P202	All others	July 8, 1996
P203	Mixed with radioactive wastes	Apr. 8, 1998
P203	All others	July 8, 1996
P204	Mixed with radioactive wastes	Apr. 8, 1998
P204	All others	July 8, 1996
P205	Mixed with radioactive wastes	Apr. 8, 1998
P205	All others	July 8, 1996
U001	All	Aug. 8, 1990
U002	All	Aug. 8, 1990
U003	All	Aug. 8, 1990
U004	All	Aug. 8, 1990
U005	All	Aug. 8, 1990
U006	All	Aug. 8, 1990
U007	All	Aug. 8, 1990
U008	All	Aug. 8, 1990
U009	All	Aug. 8, 1990
U010	All	Aug. 8, 1990
U011	All	Aug. 8, 1990
U012	All	Aug. 8, 1990
U014	All	Aug. 8, 1990
U015	All	Aug. 8, 1990
U016	All	Aug. 8, 1990
U017	All	Aug. 8, 1990



		1
U018	All	Aug. 8, 1990
U019	All	Aug. 8, 1990
U020	All	Aug. 8, 1990
U021	All	Aug. 8, 1990
U022	All	Aug. 8, 1990
U023	All	Aug. 8, 1990
U024	All	Aug. 8, 1990
U025	All	Aug. 8, 1990
U026	All	Aug. 8, 1990
U027	All	Aug. 8, 1990
U028	All	June 8, 1989
U029	All	Aug. 8, 1990
U030	All	Aug. 8, 1990
U031	All	Aug. 8, 1990
U032	All	Aug. 8, 1990
U033	All	Aug. 8, 1990
U034	All	Aug. 8, 1990
U035	All	Aug. 8, 1990
U036	All	Aug. 8, 1990
U037	All	Aug. 8, 1990
U038	All	Aug. 8, 1990
U039	All	Aug. 8, 1990
U041	All	Aug. 8, 1990
U042	All	Aug. 8, 1990
U043	All	Aug. 8, 1990
U044	All	Aug. 8, 1990
U045	All	Aug. 8, 1990



	1	
U046	All	Aug. 8, 1990
U047	All	Aug. 8, 1990
U048	All	Aug. 8, 1990
U049	All	Aug. 8, 1990
U050	All	Aug. 8, 1990
U051	All	Aug. 8, 1990
U052	All	Aug. 8, 1990
U053	All	Aug. 8, 1990
U055	All	Aug. 8, 1990
U056	All	Aug. 8, 1990
U057	All	Aug. 8, 1990
U058	All	June 8, 1989
U059	All	Aug. 8, 1990
U060	All	Aug. 8, 1990
U061	All	Aug. 8, 1990
U062	All	Aug. 8, 1990
U063	All	Aug. 8, 1990
U064	All	Aug. 8, 1990
U066	All	Aug. 8, 1990
U067	All	Aug. 8, 1990
U068	All	Aug. 8, 1990
U069	All	June 30, 1992
U070	All	Aug. 8, 1990
U071	All	Aug. 8, 1990
U072	All	Aug. 8, 1990
U073	All	Aug. 8, 1990
U074	All	Aug. 8, 1990



	1	
U075	All	Aug. 8, 1990
U076	All	Aug. 8, 1990
U077	All	Aug. 8, 1990
U078	All	Aug. 8, 1990
U079	All	Aug. 8, 1990
U080	All	Aug. 8, 1990
U081	All	Aug. 8, 1990
U082	All	Aug. 8, 1990
U083	All	Aug. 8, 1990
U084	All	Aug. 8, 1990
U085	All	Aug. 8, 1990
U086	All	Aug. 8, 1990
U087	All	June 8, 1989
U088	All	June 8, 1989
U089	All	Aug. 8, 1990
U090	All	Aug. 8, 1990
U091	All	Aug. 8, 1990
U092	All	Aug. 8, 1990
U093	All	Aug. 8, 1990
U094	All	Aug. 8, 1990
U095	All	Aug. 8, 1990
U096	All	Aug. 8, 1990
U097	All	Aug. 8, 1990
U098	All	Aug. 8, 1990
U099	All	Aug. 8, 1990
U101	All	Aug. 8, 1990
U102	All	June 8, 1989



	1	
U103	All	Aug. 8, 1990
U105	All	Aug. 8, 1990
U106	All	Aug. 8, 1990
U107	All	June 8, 1989
U108	All	Aug. 8, 1990
U109	All	Aug. 8, 1990
U110	All	Aug. 8, 1990
U111	All	Aug. 8, 1990
U112	All	Aug. 8, 1990
U113	All	Aug. 8, 1990
U114	All	Aug. 8, 1990
U115	All	Aug. 8, 1990
U116	All	Aug. 8, 1990
U117	All	Aug. 8, 1990
U118	All	Aug. 8, 1990
U119	All	Aug. 8, 1990
U120	All	Aug. 8, 1990
U121	All	Aug. 8, 1990
U122	All	Aug. 8, 1990
U123	All	Aug. 8, 1990
U124	All	Aug. 8, 1990
U125	All	Aug. 8, 1990
U126	All	Aug. 8, 1990
U127	All	Aug. 8, 1990
U128	All	Aug. 8, 1990
U129	All	Aug. 8, 1990
U130	All	Aug. 8, 1990



U131	All	Aug. 8, 1990
U132	All	Aug. 8, 1990
U133	All	Aug. 8, 1990
U134	All	Aug. 8, 1990
U135	All	Aug. 8, 1990
U136	Wastewater	Aug. 8, 1990
U136	Nonwastewater	May 8, 1992
U137	All	Aug. 8, 1990
U138	All	Aug. 8, 1990
U140	All	Aug. 8, 1990
U141	All	Aug. 8, 1990
U142	All	Aug. 8, 1990
U143	All	Aug. 8, 1990
U144	All	Aug. 8, 1990
U145	All	Aug. 8, 1990
U146	All	Aug. 8, 1990
U147	All	Aug. 8, 1990
U148	All	Aug. 8, 1990
U149	All	Aug. 8, 1990
U150	All	Aug. 8, 1990
U151	Wastewater	Aug. 8, 1990
U151	Nonwastewater	May 8, 1992
U152	All	Aug. 8, 1990
U153	All	Aug. 8, 1990
U154	All	Aug. 8, 1990
U155	All	Aug. 8, 1990
U156	All	Aug. 8, 1990



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U157	All	Aug. 8, 1990
U158	All	Aug. 8, 1990
U159	All	Aug. 8, 1990
U160	All	Aug. 8, 1990
U161	All	Aug. 8, 1990
U162	All	Aug. 8, 1990
U163	All	Aug. 8, 1990
U164	All	Aug. 8, 1990
U165	All	Aug. 8, 1990
U166	All	Aug. 8, 1990
U167	All	Aug. 8, 1990
U168	All	Aug. 8, 1990
U169	All	Aug. 8, 1990
U170	All	Aug. 8, 1990
U171	All	Aug. 8, 1990
U172	All	Aug. 8, 1990
U173	All	Aug. 8, 1990
U174	All	Aug. 8, 1990
U176	All	Aug. 8, 1990
U177	All	Aug. 8, 1990
U178	All	Aug. 8, 1990
U179	All	Aug. 8, 1990
U180	All	Aug. 8, 1990
U181	All	Aug. 8, 1990
U182	All	Aug. 8, 1990
U183	All	Aug. 8, 1990
U184	All	Aug. 8, 1990



U185	All	Aug. 8, 1990
U186	All	Aug. 8, 1990
U187	All	Aug. 8, 1990
U188	All	Aug. 8, 1990
U189	All	Aug. 8, 1990
U190	All	June 8, 1989.
U191	All	Aug. 8, 1990
U192	All	Aug. 8, 1990
U193	All	Aug. 8, 1990
U194	All	June 8, 1989
U196	All	Aug. 8, 1990
U197	All	Aug. 8, 1990
U200	All	Aug. 8, 1990
U201	All	Aug. 8, 1990
U202	All	Aug. 8, 1990
U203	All	Aug. 8, 1990
U204	All	Aug. 8, 1990
U205	All	Aug. 8, 1990
U206	All	Aug. 8, 1990
U207	All	Aug. 8, 1990
U208	All	Aug. 8, 1990
U209	All	Aug. 8, 1990
U210	All	Aug. 8, 1990
U211	All	Aug. 8, 1990
U213	All	Aug. 8, 1990
U214	All	Aug. 8, 1990
U215	All	Aug. 8, 1990



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U216	All	Aug. 8, 1990
U217	All	Aug. 8, 1990
U218	All	Aug. 8, 1990
U219	All	Aug. 8, 1990
U220	All	Aug. 8, 1990
U221	All	June 8, 1989.
U222	All	Aug. 8, 1990
U223	All	June 8, 1989.
U225	All	Aug. 8, 1990
U226	All	Aug. 8, 1990
U227	All	Aug. 8, 1990
U228	All	Aug. 8, 1990
U234	All	Aug. 8, 1990
U235	All	June 8, 1989.
U236	All	Aug. 8, 1990
U237	All	Aug. 8, 1990
U238	All	Aug. 8, 1990
U239	All	Aug. 8, 1990
U240	All	Aug. 8, 1990
U243	All	Aug. 8, 1990
U244	All	Aug. 8, 1990
U246	All	Aug. 8, 1990
U247	All	Aug. 8, 1990
U248	All	Aug. 8, 1990
U249	All	Aug. 8, 1990
U271	Mixed with radioactive wastes	Apr. 8, 1998
U271	All others	July 8, 1996



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U277	Mixed with radioactive wastes	Apr. 8, 1998
U277	All others	July 8, 1996
U278	Mixed with radioactive wastes	Apr. 8, 1998
U278	All others	July 8, 1996
U279	Mixed with radioactive wastes	Apr. 8, 1998
U279	All others	July 8, 1996
U280	Mixed with radioactive wastes	Apr. 8, 1998
U280	All others	July 8, 1996
U328	Mixed with radioactive wastes	June 30, 1994
U328	All others	Nov. 9, 1992
U353	Mixed with radioactive wastes	June 30, 1994
U353	All others	Nov. 9, 1992
U359	Mixed with radioactive wastes	June 30, 1994
U359	All others	Nov. 9, 1992
U364	Mixed with radioactive wastes	Apr. 8, 1998
U364	All others	July 8, 1996
U365	Mixed with radioactive wastes	Apr. 8, 1998
U365	All others	July 8, 1996
U366	Mixed with radioactive wastes	Apr. 8, 1998
U366	All others	July 8, 1996
U367	Mixed with radioactive wastes	Apr. 8, 1998
U367	All others	July 8, 1996
U372	Mixed with radioactive wastes	Apr. 8, 1998
U372	All others	July 8, 1996
U373	Mixed with radioactive wastes	Apr. 8, 1998
U373	All others	July 8, 1996
U375	Mixed with radioactive wastes	Apr. 8, 1998



U375	All others	July 8, 1996
U376	Mixed with radioactive wastes	Apr. 8, 1998
U376	All others	July 8, 1996
U377	Mixed with radioactive wastes	Apr. 8, 1998
U377	All others	July 8, 1996
U378	Mixed with radioactive wastes	Apr. 8, 1998
U378	All others	July 8, 1996
U379	Mixed with radioactive wastes	Apr. 8, 1998
U379	All others	July 8, 1996
U381	Mixed with radioactive wastes	Apr. 8, 1998
U381	All others	July 8, 1996
U382	Mixed with radioactive wastes	Apr. 8, 1998
U382	All others	July 8, 1996
U383	Mixed with radioactive wastes	Apr. 8, 1998
U383	All others	July 8, 1996
U384	Mixed with radioactive wastes	Apr. 8, 1998
U384	All others	July 8, 1996
U385	Mixed with radioactive wastes	Apr. 8, 1998
U385	All others	July 8, 1996
U386	Mixed with radioactive wastes	Apr. 8, 1998
U386	All others	July 8, 1996
U387	Mixed with radioactive wastes	Apr. 8, 1998
U387	All others	July 8, 1996
U389	Mixed with radioactive wastes	Apr. 8, 1998
U389	All others	July 8, 1996
U390	Mixed with radioactive wastes	Apr. 8, 1998
U390	All others	July 8, 1996



U391	Mixed with radioactive wastes	Apr. 8, 1998
U391	All others	July 8, 1996
U392	Mixed with radioactive wastes	Apr. 8, 1998
U392	All others	July 8, 1996
U393	Mixed with radioactive wastes	Apr. 8, 1998
U393	All others	July 8, 1996
U394	Mixed with radioactive wastes	Apr. 8, 1998
U394	All others	July 8, 1996
U395	Mixed with radioactive wastes	Apr. 8, 1998
U395	All others	July 8, 1996
U396	Mixed with radioactive wastes	Apr. 8, 1998
U396	All others	July 8, 1996
U400	Mixed with radioactive wastes	Apr. 8, 1998
U400	All others	July 8, 1996
U401	Mixed with radioactive wastes	Apr. 8, 1998
U401	All others	July 8, 1996
U402	Mixed with radioactive wastes	Apr. 8, 1998
U402	All others	July 8, 1996
U403	Mixed with radioactive wastes	Apr. 8, 1998
U403	All others	July 8, 1996
U404	Mixed with radioactive wastes	Apr. 8, 1998
U404	All others	July 8, 1996
U407	Mixed with radioactive wastes	Apr. 8, 1998
U407	All others	July 8, 1996
U409	Mixed with radioactive wastes	Apr. 8, 1998
U409	All others	July 8, 1996
U410	Mixed with radioactive wastes	Apr. 8, 1998



U410	All others	July 8, 1996
U411	Mixed with radioactive wastes	Apr. 8, 1998
U411	All others	July 8, 1996

FOOTNOTE: <sup>a</sup>This table does not include mixed radioactive wastes (from the First, Second, and Third Third rules) which received national capacity variance until May 8, 1992. This table also does not include contaminated soil and debris wastes.

FOOTNOTE: <sup>b</sup>The standard was revised in the Third Third Final Rule (55 FR 22520, June 1, 1990).

FOOTNOTE: °The standard was revised in the Third Emergency Rule (58 FR 29860, May 24, 1993); the original effective date was August 8, 1990.

FOOTNOTE: <sup>d</sup>The standard was revised in the Phase II Final Rule (59 FR 47982, Sept. 19, 1994); the original effective date was August 8, 1990.

FOOTNOTE: <sup>e</sup>The standards for selected reactive wastes were revised in the Phase III Final Rule (61 FR 15566, Apr. 8, 1996); the original effective date was August 8, 1990.

TABLE 2.-SUMMARY OF EFFECTIVE DATES OF LAND DISPOSAL RESTRICTIONS FOR CONTAMINATED SOIL AND DEBRIS (CSD)

CONTAMINATED SOIL AND DEBRIS (CSD)		
	Restricted Hazardous Waste in CSD	Effective Date
1.	Solvent-(F001-F005) and dioxin-(F020-F023 and F026-F028) containing soil and debris from CERCLA response of RCRA corrective actions	Nov. 8, 1990
2.	Soil and debris not from CERCLA response or RCRA corrective actions contaminated with less than 1% total solvents (F001-F005) or dioxins (F020-F023 and F026-F028)	Nov. 8, 1988
3.	All soil and debris contaminated with First Third wastes for which treatment standards are based on incineration	Aug. 8, 1990
4.	All soil and debris contaminated with Second Third wastes for which treatment standards are based on incineration	June 8, 1991
5.	All soil and debris contaminated with Third Third wastes or, First or Second Third "soft hammer" wastes which had treatment standards promulgated in the Third Third rule, for which treatment standards are based on incineration, vitrification, or mercury retorting, acid leaching followed by chemical precipitation, or thermal recovery of metals; as well as all inorganic solids debris contaminated with D004-D011 wastes, and all soil and debris contaminated with mixed RCRA/radioactive wastes	May 8, 1992
6.	Soil and debris contaminated with D012-D043, K141-K145, and K147-K151 wastes	Dec. 19, 1994

7.	Debris (only) contaminated with F037, F038, K107-K112, K117, K118, K123-K126, K131, K132, K136, U328, U353, U359	Dec. 19, 1994
8.	Soil and debris contaminated with K156-K161, P127, P128, P188-P192, P194, P196-P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389-U396, U400-U404, U407, and U409-U411 wastes	July 8, 1996
9.	Soil and debris contaminated with K088 wastes	Oct. 8, 1997
10.	Soil and debris contaminated with radioactive wastes mixed with K088, K156-K161, P127, P128, P188-P192, P194, P196-P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389-U396, U400-U404, U407, and U409-U411 wastes	Apr. 8, 1998
11.	Soil and debris contaminated with F032, F034, and F035	May 12, 1997
12.	Soil and debris contaminated with newly identified D004-D011 toxicity characteristic wastes and mineral processing wastes	Aug. 24, 1998
13.	Soil and debris contaminated with mixed radioactive newly identified D004-D011 characteristic wastes and mineral processing wastes	May 26, 2000

(NOTE: Appendix VII is provided for the convenience of the reader.)

(NOTE: A contaminated soil and debris rule will be promulgated in the future.)

Appendix VIII - LDR Effective Dates of Injected Prohibited Hazardous Waste [40 CFR 268 Appendix VIII]

# NATIONAL CAPACITY LDR VARIANCES FOR UIC WASTES<sup>a</sup>

Waste Code	Waste Category	Effective Date
F001-F005	All spent F001-F005 solvent containing less than 1 percent total F001-F005 solvent constituents	Aug. 8, 1990
D001 (except High TOC Ignitable Liquids Subcategory) <sup>c</sup>	All	Feb. 10, 1994
D001 (High TOC Ignitable Characteristic Liquids Subcategory)	Nonwastewater	Sept. 19, 1995
D002 <sup>b</sup>	All	May 8, 1992
D002 <sup>c</sup>	All	Feb. 10, 1994
D003 (cyanides)	All	May 8, 1992



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D003 (sulfides)	All	May 8, 1992
D003 (explosives, reactives)	All	May 8, 1992
D007	All	May 8, 1992
D009	Nonwastewater	May 8, 1992
D012	All	Sept. 19, 1995
D013	All	Sept. 19, 1995
D014	All	Sept. 19, 1995
D015	All	Sept. 19, 1995
D016	All	Sept. 19, 1995
D017	All	Sept. 19, 1995
D018	All, including mixed with radioactive wastes	Apr. 8, 1998
D019	All, including mixed with radioactive wastes	Apr. 8, 1998
D020	All, including mixed with radioactive wastes	Apr. 8, 1998
D021	All, including mixed with radioactive wastes	Apr. 8, 1998
D022	All, including mixed with radioactive wastes	Apr. 8, 1998
D023	All, including mixed radioactive wastes	Apr. 8, 1998
D024	All, including mixed radioactive wastes	Apr. 8, 1998
D025	All, including mixed radioactive wastes	Apr. 8, 1998
D026	All, including mixed radioactive wastes	Apr. 8, 1998
D027	All, including mixed radioactive wastes	Apr. 8, 1998
D028	All, including mixed radioactive wastes	Apr. 8, 1998
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D029	All, including mixed radioactive wastes	Apr. 8, 1998
D030	All, including mixed radioactive wastes	Apr. 8, 1998
D031	All, including mixed radioactive wastes	Apr. 8, 1998
D032	All, including mixed radioactive wastes	Apr. 8, 1998
D033	All, including mixed radioactive wastes	Apr. 8, 1998
D034	All, including mixed radioactive wastes	Apr. 8, 1998
D035	All, including mixed radioactive wastes	Apr. 8, 1998
D036	All, including mixed radioactive wastes	Apr. 8, 1998
D037	All, including mixed radioactive wastes	Apr. 8, 1998
D038	All, including mixed radioactive wastes	Apr. 8, 1998
D039	All, including mixed radioactive wastes	Apr. 8, 1998
D040	All, including mixed radioactive wastes	Apr. 8, 1998
D041	All, including mixed radioactive wastes	Apr. 8, 1998
D042	All, including mixed radioactive wastes	Apr. 8, 1998
D043	All, including mixed radioactive wastes	Apr. 8, 1998
F007	All	June 8, 1991
F032	All, including mixed radioactive wastes	May 12, 1999
F034	All, including mixed radioactive wastes	May 12, 1999



F035	All, including mixed radioactive wastes	May 12, 1999
F037	All	Nov. 8, 199
F038	All	Nov. 8, 1992
F039	Wastewater	May 8, 1992
K009	Wastewater	June 8, 1991
K011	Nonwastewater	June 8, 1991
K011	Wastewater	May 8, 1992
K011	Nonwastewater	June 8, 1991
K011	Wastewater	May 8, 1992
K013	Nonwastewater	June 8, 1991
K013	Wastewater	May 8, 1992
K014	All	May 8, 1992
K016 (dilute)	All	June 8, 1991
K049	All	Aug. 8, 1990
K050	All	Aug. 8, 1990
K051	All	Aug. 8, 1990
K052	All	Aug. 8, 1990
K062	All	Aug. 8, 1990
K071	All	Aug. 8, 1990
K088	All	Jan. 8, 1997
K104	All	Aug. 8, 1990
K107	All	Nov. 8, 1992.
K108	All	Nov. 9, 1992
K109	All	Nov. 9, 1992
K110	All	Nov. 9, 1992
K111	All	Nov. 9, 1992



K112	All	Nov. 9, 1992
K117	All	June 30, 1995
K118	All	June 30, 1995
K123	All	Nov. 9, 1992
K124	All	Nov. 9, 1992
K125	All	Nov. 9, 1992
K126	All	Nov. 9, 1992
K131	All	June 30, 1995
K132	All	June 30, 1995
K136	All	Nov. 9, 1992
K141	All	Dec. 19, 1994
K142	All	Dec. 19, 1994
K143	All	Dec. 19, 1994
K144	All	Dec. 19, 1994
K145	All	Dec. 19, 1994
K147	All	Dec. 19, 1994
K148	All	Dec. 19, 1994
K149	All	Dec. 19, 1994
K150	All	Dec. 19, 1994
K151	All	Dec. 19, 1994
K156	All	July 8, 1996
K157	All	July 8, 1996.
K158	All	July 8, 1996
K159	All	July 8, 1996
K160	All	July 8, 1996
K161	All	July 8, 1996



NA	Newly identified mineral processing wastes from titanium dioxide production and mixed radioactive/newly identified D004-D011 characteristic wastes and mineral process wastes	May 26, 2000.
P127	All	July 8, 1996
P128	All	July 8, 1996
P185	All	July 8, 1996
P188	All	July 8, 1996
P189	All	July 8, 1996
P190	All	July 8, 1996
P191	All	July 8, 1996
P192	All	July 8, 1996
P194	All	July 8, 1996
P196	All	July 8, 1996
P197	All	July 8, 1996
P198	All	July 8, 1996
P199	All	July 8, 1996
P201	All	July 8, 1996
P202	All	July 8, 1996
P203	All	July 8, 1996
P204	All	July 8, 1996
P205	All	July 8, 1996
U271	All	July 8, 1996
U277	All	July 8, 1996
U278	All	July 8, 1996
U279	All	July 8, 1996
U280	All	July 8, 1996
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U328	All	Nov. 9, 1992
U353	All	Nov. 9, 1992
U359	All	Nov. 9, 1992
U364	All	July 8, 1996
U365	All	July 8, 1996
U366	All	July 8, 1996
U367	All	July 8, 1996
U372	All	July 8, 1996
U373	All	July 8, 1996
U375	All	July 8, 1996
U376	All	July 8, 1996
U377	All	July 8, 1996
U378	All	July 8, 1996
U379	All	July 8, 1996
U381	All	July 8, 1996
U382	All	July 8, 1996
U383	All	July 8, 1996
U384	All	July 8, 1996
U385	All	July 8, 1996
U386	All	July 8, 1996
U387	All	July 8, 1996
U389	All	July 8, 1996
U390	All	July 8, 1996
U391	All	July 8, 1996
U392	All	July 8, 1996
U395	All	July 8, 1996
U396	All	July 8, 1996



U400	All	July 8, 1996
U401	All	July 8, 1996
U402	All	July 8, 1996
U403	All	July 8, 1996
U404	All	July 8, 1996
U407	All	July 8, 1996
U409	All	July 8, 1996
U410	All	July 8, 1996
U411	All	July 8, 1996

FOOTNOTE: <sup>a</sup>Wastes that are deep well disposed on-site receive a six-month variance, with restrictions effective in November 1990.

FOOTNOTE: <sup>b</sup>Deepwell injected D002 liquids with a pH less than 2 must meet the California List treatment standards on August 8, 1990.

FOOTNOTE: <sup>c</sup>Managed in systems defined in 40 CFR 144.6(e) and 14.6(e) as Class V injection wells, that do not engage in CWA-equivalent treatment before injection.

(NOTE: This table is provided for the convenience of the reader.)

Appendix IX -Extraction Procedure (EP) Toxicity Test Method and Structural Integrity Test (Method 1310) [40 CFR 268 Appendix IX]

(\* Note: The EP (Method 1310) is published in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846, listed in Rule 1200-1-11-.01(2)(b).)

Appendix X - (RESERVED) [40 CFR 268 Appendix X]

Appendix XI - Metal Bearing Wastes Prohibited from Dilution in a Combustion Unit According to Part  $(1)(c)3^a$  of this Rule

Waste Code	Waste Description
D004	Toxicity Characteristic for Arsenic
D005	Toxicity Characteristic for Barium
D006	Toxicity Characteristic for Cadmium
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D009	Toxicity Characteristic for Mercury
D010	Toxicity Characteristic for Selenium
D011	Toxicity Characteristic for Silver



Waste Code	Waste Description
F006	Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum
F007	Spent cyanide plating bath solutions from electroplating operations
F008	Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process
F009	Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process
F010	Quenching bath residues from oil baths from metal treating operations where cyanides are used in the process
F011	Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations
F012	Quenching waste water treatment sludges from metal heat treating operations where cyanides are used in the process
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum car washing when such phosphating is an exclusive conversion coating process
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments
K003	Wastewater treatment sludge from the production of molybdate orange pigments
K004	Wastewater treatment sludge from the production of zinc yellow pigments
K005	Wastewater treatment sludge from the production of chrome green pigments
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated)
K007	Wastewater treatment sludge from the production of iron blue pigments.
K008	Oven residue from the production of chrome oxide green pigments
K061	Emission control dust/sludge from the primary production of steel in electric furnaces
K069	Emission control dust/sludge from secondary lead smelting
K071	Brine purification muds from the mercury cell processes in chlorine production, where separately prepurified brine is not used
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting
K106	Sludges from the mercury cell processes for making chlorine
P010	Arsenic acid H <sub>3</sub> AsO <sub>4</sub>
P011	Arsenic oxide As <sub>2</sub> O <sub>5</sub>
P012	Arsenic trioxide

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Waste Code	Waste Description
P013	Barium cyanide
P015	Beryllium
P029	Copper cyanide Cu(CN)
P074	Nickel cyanide Ni(CN) <sub>2</sub>
P087	Osmium tetroxide
P099	Potassium silver cyanide
P104	Silver cyanide
P113	Thallic oxide
P114	Thallium (l) selenite
P115	Thallium (l) sulfate
P119	Ammonium vanadate
P120	Vanadium oxide V <sub>2</sub> O <sub>5</sub>
P121	Zinc cyanide
U032	Calcium chromate
U145	Lead phosphate
U151	Mercury
U204	Selenious acid
U205	Selenium disulfide
U216	Thallium (I) chloride
U217	Thallium (I) nitrate

FOOTNOTE: <sup>a</sup> A combustion unit is defined as any thermal technology subject to Rule 1200-1-11-.05(15); .06(15); and/or .09(8).

Authority: T.C.A. §§4-5-202 and 68-212-101 et seq. Administrative History: Original rule filed October 20, 1988; effective December 4, 1988. Amendment filed October 4, 1989; effective November 26, 1989. Amendment filed March 5, 1991; effective April 19, 1991. Amendment filed December 31, 1991; effective February 14, 1992. Amendment filed November 30, 1993; effective February 13, 1994. Amendment filed June 5, 1995; effective August 19, 1995. Amendment filed January 29, 1997; effective April 14, 1997. Amendment filed August 28, 1997; effective November 11, 1997. Amendment filed June 29, 1998; effective September 12, 1998. Amendment filed May 7, 1999; effective July 19, 1999. Amendment filed September 14, 2000; effective November 28, 2000. Amendment filed August 3, 2001; effective October 17, 2001. Amendment filed May 8, 2002; effective July 22, 2002. Amendment filed July 25, 2002; effective October 8, 2002. Amendment filed October 29, 2003; effective January 12, 2004. Amendment filed June 23, 2004 effective September 6, 2004.

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